

Abstract

Please replace the Abstract as follows:

--ABSTRACT OF THE DISCLOSURE

A semiconductor device in which the lifetime of mounted components can be prolonged. A cooling system for controlling the temperature of a refrigerant through a heating section ~~(1)~~ and a radiator ~~(2)~~ is provided. The semiconductor device ~~(100)~~ is connected to the cooling system and is cooled. A variation width ($\Delta T1$) of temperature controlled by the cooling system through the heating section ~~(1)~~ and the radiator ~~(2)~~ is ~~larger~~ smaller than a temperature variation ($\Delta T2$) of the refrigerant caused by variations in operating conditions of the semiconductor device ~~(100)~~ ($\Delta T1 > \leq \Delta T2$).--